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(54) Title: **BICYCLIC HETEROAROMATIC COMPOUNDS AS PROTEIN TYROSINE KINASE INHIBITORS**

(57) Abstract

Substituted heteroaromatic compounds, and in particular substituted bicyclic heteroaromatic compounds of formula (I), wherein X is N or CH; A represents a fused 5, 6 or 7-membered heterocyclic ring containing 1 to 5 heteroatoms which may be the same or different and which are selected from N, O or S(O)_m, wherein m is as defined above, the heterocyclic ring containing a total of 1, 2 or 3 double bonds inclusive of the bond in the pyridine or pyrimidine ring to which it is fused, with the proviso that the heterocyclic ring does not form part of a purine and that the fused heterocyclic ring does not contain two adjacent O or S(O)_m atoms. U represents a 5 to 10-membered mono or bicyclic ring system in which one or more of the carbon atoms is optionally replaced by a heteroatom independently selected from N, O and S(O)_m, wherein m is 0, 1 or 2 and wherein the ring system is substituted by at least one independently selected R⁶ group and is optionally substituted by at least one independently selected R⁴ group, with the proviso that U does not represent phenyl; are protein tyrosine kinase inhibitors. The compounds are described as are methods for their preparation, pharmaceutical compositions including such compounds and their use in medicine, for example in the treatment of cancer and psoriasis.

